



Suggested respirators for the different phases of a wildfire

If you live in an area with an active wildfire or are conducting work related to the wildfire, you are at risk of facing hazards from smoke and ash. These are the products we recommend using during the different stages of a wildfire.

Suggested respiratory protection	Limitations	Types of wildfire smoke and ash exposure		
		Working/living in areas contaminated with wildfire smoke and ash	Fighting the Fire	Clean-up after the Fire
3M™ Disposable Respirators 	Will not protect the eyes or remove gases or vapours i.e., carbon monoxide, carbon dioxide, aldehydes	<ul style="list-style-type: none"> 3M™ Aura™ Particulate Respirator, 9211+, N95 3M™ Particulate Respirator, 8210V, N95 3M™ Aura™ Particulate Respirator, 9210+, N95 3M™ Particulate Respirator 8210, N95 3M™ Particulate Respirator, 8110S, N95, small 	Not to be used	Poor choice due to the likely presence of gases and vapours from incomplete combustion of household products (carpets, furniture, clothing etc.)
3M™ Half Facepiece Reusable Respirator 	Will not protect the eyes or remove some gases or vapours i.e. carbon monoxide and carbon dioxide. May remove some gases and vapours caused by incomplete combustion.	<ul style="list-style-type: none"> 3M™ Half Facepiece Reusable Respirator, 6000 3M™ Rugged Comfort Half Facepiece Reusable Respirator, 6500 3M™ Half Facepiece Reusable Respirator, 7500 Suggested use with: <ul style="list-style-type: none"> 3M™ Particulate Filter, 2091, P100 3M™ Particulate Filter, 2097, P100 3M™ Advanced Particulate Filter, 2291, P100 3M™ Advanced Particulate Filter, 2297, P100 3M™ Multi Gas/Vapour Cartridge/Filter, 60926, P100 	Not to be used	Good choice but will not provide protection for the eyes or remove some gases or vapours i.e. carbon monoxide and carbon dioxide. May remove some gases and vapours caused by incomplete combustion. We suggest using same products as working/living in a wildfire area.
3M™ Full Face Reusable Respirator 	Will not remove some gases or vapours i.e. carbon monoxide and carbon dioxide. May remove some gases and vapours caused by incomplete combustion.	<ul style="list-style-type: none"> 3M™ Ultimate FX Full Facepiece Reusable Respirator, FF-400 3M™ Full Facepiece Reusable Respirator, 6700 Suggested use with: <ul style="list-style-type: none"> 3M™ Particulate Filter, 2091, P100 3M™ Particulate Filter, 2097, P100 3M™ Advanced Particulate Filter, 2291, P100 3M™ Advanced Particulate Filter, 2297, P100 3M™ Multi Gas/Vapour Cartridge/Filter, 60926, P100 	Not to be used	Best choice but will not provide protection from or remove some gases or vapours i.e. carbon monoxide and carbon dioxide. May remove some gases and vapours caused by incomplete combustion. We suggest using same products as working/living in a wildfire area.
3M™ Versaflo™ TR-600 Powered Air Purifying Respirator 	Will not remove some gases or vapours i.e. carbon monoxide and carbon dioxide. May remove some gases and vapours caused by incomplete combustion.	<ul style="list-style-type: none"> 3M™ Versaflo™ TR-600 Powered Air Purifying Respirator (gas, vapour and particulate) Suggested use with the 3M™ Versaflo™ Multi-Gas/HE Cartridge, TR-6590N 	Not to be used	Fantastic choice but will not provide protection or remove some gases or vapours i.e. carbon monoxide and carbon dioxide. May remove some gases and vapours caused by incomplete combustion. This type of protection is ideal for increased comfort.
3M™ Scott™ Air-Pak™ Self-contained Breathing Apparatus 	Not applicable	Not applicable	For use by professional firefighters (PFF). Selection should be made by the PFF.	Not applicable for the average person. PFF will determine what is appropriate.

Visit [3M.ca/Respiratory](https://www.3m.ca/Respiratory) for more information.

Suggested 3M Products

It is always the user's responsibility to evaluate PPE needs and to select a proper product for the intended use. Additional or alternative 3M products may be available in addition to those listed. Check [3M.ca/Safety](https://www.3m.ca/Safety) for a complete listing.

References

3M Technical Data Bulletin #182
https://www.3.epa.gov/airnow/smoke_fires/respiratory-protection-508.pdf
<https://open.alberta.ca/publications/9781460135273>